Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Currently amended) ~~An apparatus~~ A method for electrocardiogram measurement using a first non-conductive pad and a second non-conductive pad, the method comprising ~~consisting of, in combination~~:

placing the [[a]] first non-conductive pad on a first position on a chest of a subject, wherein [[;]] a first electrode and a second electrode are disposed on said first non-conductive pad and are adapted for electrical connection with the skin of [[a]] the subject in order to receive and transmit electrical impulses, wherein the first position is such that said first electrode represents any one of V_4, V_5, or V_6 and wherein the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode;

placing the [[a]] second non-conductive pad at a position that is on or close to the right arm of said subject, [[;]] wherein a third electrode is disposed on said second non-conductive pad and is adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode ~~that is for positioning at a position that is on or close to the right arm of said subject~~; and

measuring both a first lead and a different second lead without user intervention using an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode ~~, wherein said electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention~~.

2. (Currently amended) The ~~apparatus~~ method of claim 1 wherein said second electrode represents LL.

3. (Currently amended) The ~~apparatus~~ method of claim 2 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 or a V_5 lead from said third electrode (RA) and said first electrode, when said second electrode (LL) is ground.

4. (Currently amended) The apparatus of claim 2 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures lead II from said third electrode (RA) and said second electrode (LL) when said first electrode (V_4) is ground.

5. (Original) The method of claim 1 wherein said first lead is V_4 or V_5 and said second lead is lead II.

6. (Currently amended) The ~~apparatus~~ method of claim 1 wherein said second electrode represents V_5.

7. (Currently amended) The ~~apparatus~~ method of claim 6 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said third electrode (RA) and said first electrode (V_4) when said second electrode (V_5) is ground.

8. (Currently amended) The ~~apparatus~~ method of claim 6 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said third electrode (RA) and said second electrode (V_5) when said first electrode (V_4) is ground.

9. (Currently amended) The ~~apparatus~~ method of claim 1 wherein

~~said apparatus further consists of~~ a fourth electrode is disposed on said first non-conductive pad and is adapted for electrical connection with the skin of the subject in order to receive and transmit electrical impulses, wherein

said second electrode represents LL;

said fourth electrode represents V_5; and

said second electrode is ~~for positioning~~ positioned below said first electrode and said fourth electrode; and

said fourth electrode is in electrical communication with said electrocardiological measuring apparatus, the method further comprising:

placing a third non-conductive pad on a third position on a chest of a subject, wherein a fifth electrode is disposed on said third non-conductive pad and wherein said fifth electrode represents left arm and wherein

said first lead is a first precordial lead in which said first electrode or said fourth electrode is ground; and

said second lead is a second precordial lead in which ground is said first or said fourth electrode not used as ground for said first lead.

10. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures lead II from said third electrode (RA) and said second electrode (LL) when either said fourth electrode (V_5) or said first electrode (V_4) is ground.

11. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said third electrode (RA) and said first electrode (V_4) when said fourth electrode (V_5) is ground.

12. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said first electrode (V_4) and an aVL lead, where the aVL lead is taken from the third electrode (RA) and the second electrode (LL), when the fourth electrode (V_5) is ground.

13. (Original) The method of claim 9 wherein said first lead is V_4 or V_5 and said second lead is aVL.

14. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said third electrode (RA) and said second electrode (LL) when said fourth electrode (V_5) is ground.

15. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said third electrode (RA) and said fourth electrode (V_5) when said first electrode (V_4) is ground.

16. (Currently amended) The ~~apparatus~~ method of claim 9 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said fourth electrode (V_5) and an aVL signal, where the aVL signal is taken from the third electrode (RA) and the second electrode (LL), when the first electrode (V_4) is ground.

17. (Currently amended) The ~~apparatus~~ method of claim 1 wherein ~~said apparatus further consists of~~

a fourth electrode is disposed on said first non-conductive pad and is adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said second electrode represents V_5 and said fourth electrode represents V_6 and wherein said fourth electrode is in electrical communication with said electrocardiological measuring apparatus.

18. (Currently amended) The ~~apparatus~~ method of claim 17 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said third electrode (RA) and said first electrode (V_4) when said fourth electrode (V_6) or said second electrode (V_5) is ground.

19. (Currently amended) The ~~apparatus~~ method of claim 17 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said third electrode (RA) and said second electrode (V_5) when said fourth electrode (V_6) or said first electrode (V_4) is ground.

20. (Original) The ~~apparatus~~ method of claim 17 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_6 lead from said third electrode (RA) and said fourth electrode (V_6) when said second electrode (V_5) or said first electrode (V_4) is ground.

21. (Original) The method of claim 17 wherein said first lead and said different second lead are each selected from the group consisting of V_4, V_5, and V_6.

22. (Currently amended) The ~~apparatus~~ method of claim 1 wherein

a fourth electrode and a fifth electrode are disposed on said first non-conductive pad and are adapted for electrical connection with the skin in order to receive and transmit electrical impulses;

said second electrode represents V_5;

said fourth electrode represents V_6;

said fifth electrode represents LL and is for positioning below said first, second, and fourth electrodes;

and said fourth and said fifth electrodes are in electrical communication with said electrocardiological measuring apparatus.

23. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures lead II from said third electrode (RA) and said fifth electrode (LL) when said first electrode (V_4), said second electrode (V_5), or said fourth electrode (V_6) is ground.

24. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said third electrode (RA) and said first electrode (V_4) when said fourth electrode (V_6) or said second electrode (V_5) is ground.

25. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_4 lead from said first electrode (V_4) and an aVL lead, where the aVL lead is taken from the third electrode (RA) and the fifth electrode (LL), when said second electrode (V_5) or said fourth electrode (V_6) is ground.

26. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said third electrode (RA) and said second electrode (V_5) when said fourth electrode (V_6) is ground.

27. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_5 lead from said second electrode (V_5) and an aVL lead, where the aVL lead is taken from the third electrode (RA) and the fifth electrode (LL), when said fourth electrode (V_6) or said first electrode (V_4) is ground.

28. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_6 lead from said third electrode (RA) and said fourth electrode (V_6) when said second electrode (V_5) is ground.

29. (Currently amended) The ~~apparatus~~ method of claim 22 wherein said electrocardiological measuring apparatus ~~is configured to measure~~ measures a V_6 lead from said fourth electrode

(V_6) and an aVL lead, where the aVL lead is taken from the third electrode (RA) and the fifth electrode (LL), when said second electrode (V_5) or said first electrode (V_4) is ground.

30. (Currently amended) The ~~apparatus~~ method of claim 1 wherein said first electrode represents V_4 or V_5 and is ~~for positioning~~ positioned on V_4 or V_5 of said subject and wherein said second electrode represents LL.

31. (Currently amended) The ~~connector device~~ method of claim 1, wherein said first non-conductive pad and said second non-conductive pad are selected from non-conductive natural or non-conductive synthetic material.

32. (Currently amended) A method of identifying asymptomatic coronary heart disease (CHD) for a subject, the method comprising:

(A) obtaining an electrocardiogram measurement from said subject using a remote device consisting of, in combination:

a first non-conductive pad;

a first electrode and a second electrode disposed on said first non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said first electrode represents any one of V_4, V_5, or V_6 and the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode; and

a second non-conductive pad;

a third electrode disposed on said second non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode that is for positioning on or close to the right arm of said subject; and

an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode, wherein said electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention; and

(B) analyzing said electrocardiogram measurement taken when said second non-conductive pad is placed on or close to the right arm of said subject.

33. (Original) The method of claim 32, the method further comprising collecting potential risk factor information from said subject through manual or electronic interrogation means.

34. (Original) The method of claim 33 wherein the potential risk factor information is collected in the form of a questionnaire.

35. (Original) The method of claim 32, the method further comprising obtaining any one or more of results of a diagnostic test for said subject.

36. (Original) The method of claim 32, the method further comprising obtaining personal record information for said subject.

37. (Original) The method of claim 36 wherein said personal record information comprises any one or more of a name, an address, a telephone number, an age, an ethnicity, and an e-mail address.

38. (Original) The method of claim 32 wherein said analyzing said electrocardiogram measurement comprises:

performing an ECG analysis; and

performing decision modeling based on said ECG analysis.

39. (Original) The method of claim 38 wherein said performing ECG analysis determines ECG findings, wherein said ECG findings are an identification of no abnormal ECG finding or an identification of one or more abnormal ECG findings.

40. (Original) The method of claim 39 wherein said decision modeling determines a pre-screening identification for said subject based on a function of said ECG findings.

41. (Original) The method of claim 40 wherein said pre-screening identification is further determined by considering a risk factor.

42. (Original) The method of claim 41 wherein said risk factor is at least one of an advanced age of the subject, the blood pressure of the subject, the cholesterol level of the subject, the

results from a test for diabetes of the subject, the sex of the subject, whether the subject smokes, an assessment of the physical activity of the subject, the weight of the subject, the diet of the subject and the ethnicity of the subject.

43. (Original) The method of claim 32, the method further comprising providing a report of said electrocardiogram measurement using a web site.

44. (Original) The method of claim 43 wherein said web site is secured with a user identification and a password associated with said subject.

45. (Original) The method of claim 32 wherein said first electrode represents V_4 or V_5 and is for positioning on V_4 or V_5 of said subject and wherein said second electrode represents LL.

46. (Original) The method of claim 39 wherein said ECG findings are any one or more of silent myocardial infarction (SMI), silent ischemia, and inducible ischemia.

47. (Original) The method of claim 32 wherein said first lead is V_4 or V_5 and said second lead is lead II.

48. (Currently amended) A computer system for identifying asymptomatic coronary heart disease (CHD) for a subject, the computer system comprising:

a central processing unit;

a memory, coupled to the central processing unit, the memory storing:

(A) instructions for receiving data from a remote capture device; wherein said data is generated for a subject by a device consisting of, in combination:

a first non-conductive pad;

a first electrode and a second electrode disposed on said first non-conductive pad and adapted for electrical connection with the skin of the subject in order to receive and transmit electrical impulses, wherein said first electrode represents any one of V_4, V_5, or V_6 and the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode; and

a second non-conductive pad;

a third electrode disposed on said second non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode that is for positioning on or close to the right arm of said subject; and

an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode, wherein said electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention; and

(B) instructions for analyzing said data collected at a time when said second non-conductive pad is placed on or close to the right arm of said subject.

49. (Original) The computer system of claim 48, wherein said instructions for receiving further comprise instructions for receiving risk factor information and said instructions for analyzing further comprise instructions for analyzing said risk factor information.

50. (Original) The computer system of claim 48 wherein said data comprises ECG data.

51. (Original) The computer system of claim 50 wherein said ECG data is digitized.

52. (Original) The computer system claim of 48 wherein said data further includes risk factor information in the form of one or more of advanced age, cigarette smoking, hypertension, obesity, diabetic condition, high cholesterol, diet, family history, ethnicity, and sex for said subject

53. (Original) The computer system of claim 48 wherein said data further comprises any one or more of results of a diagnostic test for said subject.

54. (Original) The computer system of claim 48 wherein said data further comprises personal record information for said subject.

55. (Original) The computer system of claim 54 wherein said personal record information comprises any one or more of a name, an address, a telephone number, an age, or an e-mail address for said subject.

56. (Original) The computer system claim 54 wherein said personal record information comprises any one or more of risk factor information in the form of advanced age, cigarette smoking, hypertension, obesity, diabetic condition, high cholesterol, diet, family history, ethnicity, and sex for said subject.

57. (Original) The computer system of claim 48 wherein said data is encrypted.

58. (Original) The computer system of claim 48 wherein said instructions for analyzing comprise:

instructions for performing ECG analysis; and

instructions for performing decision modeling.

59. (Original) The computer system of claim 58 wherein said instructions for performing ECG analysis determines ECG findings, wherein said ECG findings are an identification of no abnormal ECG findings or an identification of one or more abnormal ECG findings for said subject.

60. (Original) The computer system of claim 59 wherein said instructions for performing decision modeling determine a pre-screening identification for said subject based on a function of said ECG findings.

61. (Original) The computer system of claim 60 wherein said pre-screening identification is further determined by considering a risk factor for said subject.

62. (Original) The computer system of claim 61 wherein said risk factor is at least one of an advanced age of the subject, a blood pressure of the subject, a cholesterol level of the subject, the results from a test for diabetes for said subject, the sex of the subject, whether the subject smokes, an assessment of the physical activity of the subject, the weight of the subject, the diet of the subject, and the ethnicity of the subject.

63. (Original) The computer system of claim 48 wherein said memory further comprises a web site module, the web site module comprising instructions for providing a web site that includes a report of said data.

64. (Original) The computer system of claim 63 wherein said memory further comprises instructions for securing said web site with a user identification and a password associated with said subject.

65. (Original) The computer system of claim 48 the memory further comprising a database having a member record for each subject in a plurality of subjects, each member record comprising:

a member identifier for the subject corresponding to said member record;

a personal record for the subject corresponding to said member record wherein said personal record was obtained by said instructions for receiving data;

and

ECG data for the subject corresponding to said member record wherein said ECG data was obtained by said instructions for receiving data;

66. (Original) The computer system of claim 65 wherein a personal record in said database further comprises risk factor information for the subject associated with the personal record in the form of a blood pressure of the subject, a cholesterol level of the subject, the results from a test for diabetes for the subject, the sex of the subject, whether the subject smokes, an assessment of the physical activity of the subject, the weight of the subject, the diet of the subject, and the ethnicity of the subject..

67. (Original) The computer system of claim 66 wherein said personal record further comprises any one or more of a name, an address, a telephone number, an age, or an e-mail address for the subject corresponding to said member record.

68. (Original) The computer system of claim 66 wherein said personal record further comprises a pre-screening identification for said subject corresponding to said personal record.

69. (Original) The computer system of claim 66 wherein a personal record in said database further comprises a risk factor for the subject associated with said personal record, wherein said risk factor comprises at least one of an advanced age of the subject, the blood pressure of the subject, the cholesterol level of the subject, the results from a test for diabetes, the sex of

the subject, whether the subject smokes, an assessment of the physical activity of the subject, the weight of the subject, the diet of the subject, and the ethnicity of the subject.

70. (Original) The computer system of claim 48 wherein said first electrode represents V_4 or V_5 and is for positioning on V_4 or V_5 of said subject and wherein said second electrode represents LL.

71. (Original) The computer system of claim 59 wherein said ECG findings is any one or more of abnormal findings, or evidence of silent myocardial infarction (SMI), silent ischemia, or inducible ischemia..

72. (Currently amended) A database having a member record for each subject in a plurality of subjects, each member record comprising:

a member identifier for the subject corresponding to said member record;

a personal record for the subject corresponding to said member record;

ECG data for the subject corresponding to said member record, wherein the member identifier, the personal record, and the ECG data are stored on a tangible computer useable medium, and wherein said ECG data is obtained by a remote capture device consisting of, in combination:

a first non-conductive pad;

a first electrode and a second electrode disposed on said first non-conductive pad and adapted for electrical connection with the skin of said subject in order to receive and transmit electrical impulses, wherein said first electrode represents any one of V_4, V_5, or V_6 and the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode;

a second non-conductive pad;

a third electrode disposed on said second non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode that is for positioning on or close to the right arm of the subject; and

an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode, wherein said

electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention.

73. (Original) The database of claim 72 wherein a personal record in said database comprises the results of a diagnostic tests for the subject associated with said member record.

74. (Original) The database of claim 72 wherein a personal record in said database comprises any one or more of a name, an address, a telephone number, an age, or an e-mail address for the subject corresponding to said member record.

75. (Original) The database of claim 72 wherein a personal record in said database comprises a pre-screening identification for said subject corresponding to said member record, wherein a value of said pre-screening identification is based on an analysis of said ECG data.

76. (Original) The database of claim 72 wherein a personal record in said database further comprises risk factor information for the subject associated with said member record, wherein said risk factor information comprises at least one of an advanced age of said subject, a blood pressure of said subject, a cholesterol level of said subject, the results from a test for diabetes for said subject, a sex of said subject, or the ethnicity of said subject.

77. (Original) The database of claim 72 wherein said first electrode represents V_4 or V_5 and is for positioning on V_4 or V_5 of a subject and wherein said second electrode represents LL.

78. (Currently amended) A method of identifying asymptomatic coronary heart disease (CHD) for a subject, the method comprising:

(A) collecting risk factor information from said subject;

(B) obtaining an electrocardiogram measurement from said subject using a remote device consisting of, in combination:

a first non-conductive pad;

a first electrode and a second electrode disposed on said first non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said first electrode represents any one of V_4, V_5, or V_6 and the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial

positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode; and

a second non-conductive pad;

a third electrode disposed on said second non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode that is for positioning on or close to the right arm of said subject; and

an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode, wherein said electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention; and

(C) analyzing said collected risk factor information and said electrocardiogram measurement, wherein said electrocardiogram measurement is taken at a time when said third electrode is positioned on or close to the right arm of said subject.

79. (Original) The method of claim 78 wherein said risk factor information is collected from said subject in the form of a questionnaire.

80. (Original) The method of claim 78 wherein said analyzing comprises:

performing an ECG analysis of said electrocardiogram measurement; and

performing decision modeling based on said ECG analysis.

81. (Original) The method of claim 80 wherein said decision modeling determines a pre-screening identification for said subject based on a function of said ECG analysis.

82. (Original) The method of claim 81 wherein said pre-screening identification is further determined by considering said collected risk factor information.

83. (Original) The method of claim 82 wherein said risk factor information comprises at least one of an advanced age of the subject, the blood pressure of the subject, the cholesterol level of the subject, the results from a test for diabetes of the subject, the sex of the subject, whether the subject smokes, an assessment of the physical activity of the subject, the weight of the subject, the diet of the subject and the ethnicity of the subject.

84. (Original) A computer system for identifying a risk factor for a subject, the computer system comprising:

a central processing unit;

a memory, coupled to the central processing unit, the memory storing:

(A) instructions for receiving data from a remote capture device; wherein said data comprises risk factor information and ECG data for said subject;

(B) instructions for analyzing said data for said risk factor; and

(C) instructions for storage of said data and a result of said instructions for analyzing; wherein said ECG data is measured by a device consisting of, in combination:

a first non-conductive pad;

a first electrode and a second electrode disposed on said first non-conductive pad and adapted for electrical connection with the skin of the subject in order to receive and transmit electrical impulses, wherein said first electrode represents any one of V_4, V_5, or V_6 and the second electrode is either (i) positioned on the subject below the first electrode in order to represent left leg (LL) or (ii) is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode; and

a second non-conductive pad;

a third electrode disposed on said second non-conductive pad and adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode that is for positioning on or close to the right arm of said subject; and

an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, and said third electrode, wherein said electrocardiological measuring apparatus is capable of measuring both a first lead and a different second lead without user intervention.

85. (New) The method of claim 1 wherien the first lead and the different second lead are sequentially measured.

86. (New) The method of claim 9 wherien the first lead and the different second lead are sequentially measured.

87. (New) The method of claim 1 wherien the sensitivity of the method is at least 90 percent.

88. (New) A method for electrocardiogram measurement comprising:

placing a first non-conductive pad on a first position on a chest of a subject, wherein at least a first electrode and a second electrode are disposed on said first non-conductive pad and are adapted for electrical connection with the skin of the subject in order to receive and transmit electrical impulses, wherein the first position is such that said first electrode represents any one of V_4, V_5, or V_6 and wherein the second electrode is placed on a line on the subject defined by the V_4, V_5, and V_6 precordial positions in order to represent any one of V_4, V_5, or V_6 not represented by the first electrode;

placing a second non-conductive pad at a position that is on or close to the right arm of said subject, wherein a third electrode is disposed on said second non-conductive pad and is adapted for electrical connection with the skin in order to receive and transmit electrical impulses, wherein said third electrode is a right arm (RA) electrode;

placing a third non-conductive pad on a third position on a chest of a subject, wherein a fourth electrode is disposed on said third non-conductive pad and wherein said fourth electrode represents left arm;

placing a fourth non-conductive pad on a fourth position on a chest of a subject, wherein a fifth electrode is disposed on said fourth non-conductive pad and wherein said fifth electrode represents left leg; and

measuring both a first lead and a different second lead without user intervention using an electrocardiological measuring apparatus that is in electrical communication with said first electrode, said second electrode, said third electrode, said fourth electrode, and said fifth electronde, and wherein

said first lead is a first precordial lead in which said first electrode or said second electrode is ground; and

said second lead is a second precordial lead in which ground is said first or said second electrode not used as ground for said first lead.